



GAIL FARBER, Director

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

ADOPTED


BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

March 24, 2015

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

#2

March 24, 2015


PATRICK OZAWA
ACTING EXECUTIVE OFFICER

Dear Supervisors:

**PUBLIC HEARING
RESOLUTION TO VACATE PORTIONS OF THE OLD ROAD AT
MAGIC MOUNTAIN PARKWAY IN THE UNINCORPORATED
COMMUNITY OF STEVENSON RANCH
(SUPERVISORIAL DISTRICT 5)
(3 VOTES)**

SUBJECT

This action involves the proposed vacation of portions of The Old Road at Magic Mountain Parkway in the unincorporated community of Stevenson Ranch, which are no longer needed for public use.

IT IS RECOMMENDED THAT THE BOARD:

After the Public Hearing:

1. Find that portions of The Old Road proposed to be vacated at Magic Mountain Parkway in the unincorporated community of Stevenson Ranch are unnecessary for present or prospective public use and are not useful as nonmotorized transportation facilities.
2. Find that the public convenience and necessity require the reservation and exception of easements and rights of way for maintenance, operation, replacement, removal, and renewal of utility facilities located within portions of The Old Road at Magic Mountain Parkway in the unincorporated community of Stevenson Ranch, owned by Valencia Water Company, Pacific Pipeline System LLC, ExxonMobile Pipeline, Time Warner Cable, The Gas Company, Southern California Edison Company, Pacific Bell Telephone Company (dba AT&T California), Castaic Lake Water Agency, as well as an easement to the Los Angeles County Flood Control District for covered

storm drain, appurtenant structures, and ingress and egress purposes; and easements to the Los Angeles County Sanitation Districts and the County of Los Angeles for sanitary sewer, appurtenant structures, and ingress and egress purposes in accordance with Sections 8340 and 8341 of California Streets and Highways Code.

3. Adopt the Resolution to Vacate portions of The Old Road at Magic Mountain Parkway with Reservations, pursuant to Section 8324 of the California Streets and Highways Code.

4. Upon approval, authorize the Director of Public Works or her designee to record the certified original resolution with the office of the Registrar-Recorder/County Clerk of the County of Los Angeles.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended actions is to allow the County of Los Angeles to vacate portions of The Old Road at Magic Mountain Parkway (Easements) in the unincorporated community of Stevenson Ranch, since they no longer serve the purpose for which they were dedicated and are not required for public access or transportation. The Department of Public Works, on behalf of the County, the underlying property owner, requested the vacation.

In October 2005 the County and the City of Santa Clarita entered into Cooperative Agreement No. 75402 for the construction of certain road improvements in connection with the Interstate 5/Magic Mountain Parkway Interchange and Related Improvements Project (Project), which included the realignment of portions of The Old Road in the unincorporated County area of Stevenson Ranch. In accordance with the terms of that agreement, the City was responsible for acquisition of all property rights required for the construction of the Project. After construction, the City was required to transfer all property rights necessary to operate and maintain the new road improvements to the County. The County agreed to vacate portions of The Old Road that were no longer required by the County after construction of the Project and sell its fee interest in The Old Road that was surplus. The sale of the County's fee interest to the City and the granting of easements to the adjacent property owners along those portions of The Old Road proposed to be vacated to provide legal and physical access to the realigned portion of The Old Road and preclude the parcels from being landlocked were approved by the Board on November 18, 2014, Item 52.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provision of Operational Effectiveness/Fiscal Sustainability (Goal 1). The vacation will provide for improved infrastructure on The Old Road, thereby improving the quality of life for the residents in the area. These actions will also help promote fiscal sustainability and eliminate the County's expenses and potential liabilities.

FISCAL IMPACT/FINANCING

There will be no impact to the County General Fund.

The City has agreed to pay \$2,268,000, which is a negotiated settlement for the sale of the parcels, and the funds will be deposited into the County Road Fund.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The areas to be vacated contain approximately 5.72 acres and are shown on the map that is attached to the enclosed Resolution to Vacate with Reservations.

The procedure for the vacation of a County highway is set forth in Chapter 3 of Part 3 of Division 9 of the California Streets and Highways Code commencing with Section 8320.

Pursuant to Section 8320, the Board may initiate proceedings to vacate a public highway by having the Executive Officer of the Board of Supervisors set a date (not less than 15 days after the initiation of proceedings), hour, and place for a hearing on the vacation.

Pursuant to Section 8322, notice of hearing must be published for at least two successive weeks prior to the hearing in a daily, semiweekly, or weekly newspaper published and circulated in the County.

Pursuant to Section 8323, at least two weeks before the day set for the hearing, at least three notices of the hearing must be posted conspicuously along the line of the highway proposed to be vacated.

Pursuant to Section 8324, the Board may adopt a resolution vacating the highway if, after considering all the evidence offered at the hearing, the Board determines that the highway is unnecessary for present or prospective public use.

Additionally, pursuant to Sections 892 and 8314, the Board must also find that the highway proposed to be vacated is not useful as a nonmotorized transportation facility prior to resolving to vacate the highway.

The County's interest in the Easements was acquired by the Relinquishment of Superseded State Highway in the County of Los Angeles, recorded on December 28, 1965, as Instrument No. 2352, in Book R2455, page 527, of Official Records, in the office of the Registrar-Recorder/County Clerk of the County of Los Angeles, as easements for County roads.

In October 2014 by Instrument No. 20141091814, the County acquired a fee interest from the City for the realigned portion of The Old Road, resulting in portions of the original The Old Road right of way no longer being required by the County for public use as a highway.

Public Works, on behalf of the County, the underlying property owner, is requesting the vacation of the excess right of way in connection with the realignment of The Old Road at Magic Mountain Parkway.

The portions of The Old Road proposed to be vacated have been determined to be unnecessary for present and prospective public use as a highway and are not required for public access or transportation as it has been superseded by The Old Road's realignment.

The proposed vacation was reviewed by the County Sanitation Districts, Fire Department, Department of Parks and Recreation, and the Department of Regional Planning, as well as Public Works. It was determined to be not useful as a nonmotorized transportation facility and meets with the goals and objectives of the Community Plan and underlying zoning.

Easement rights for existing utility facilities will be reserved for Valencia Water Company, Pacific Pipeline System LLC, ExxonMobile Pipeline, Time Warner Cable, The Gas Company, Southern California Edison Company, Pacific Bell Telephone Company (dba AT&T California), Castaic Lake Water Agency, as well as an easement to the Los Angeles County Flood Control District for covered storm drain, appurtenant structures, and ingress and egress purposes; and easements to the Los Angeles County Sanitation Districts and the County of Los Angeles for sanitary sewer, appurtenant structures, and ingress and egress purposes, pursuant to Sections 8340 and 8341 of California Streets and Highway Code.

ENVIRONMENTAL DOCUMENTATION

The recommended action is within the scope of the Negative Declaration for the Project, which was approved by the Board on October 11, 2005, Item 67.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

This action will eliminate the need for the County to maintain the proposed vacation area and will reduce the County's expenses and potential liabilities.

Existing easement rights for utility facilities will be reserved for Valencia Water Company, Pacific Pipeline System LLC, ExxonMobile Pipeline, Time Warner Cable, The Gas Company, Southern California Edison Company, Pacific Bell Telephone Company (dba AT&T California), Castaic Lake Water Agency, as well as an easement to the LACFCD for covered storm drain, appurtenant structures, and ingress and egress purposes; and easements to the Los Angeles County Sanitation Districts and the County of Los Angeles for sanitary sewer, appurtenant structures, and ingress and egress purposes, pursuant to with Sections 8340 and 8341 of the California Streets and Highway Code.

CONCLUSION

The Department of Public Works, Survey/Mapping & Property Management Division, will post notices of the hearing in accordance with Section 8323 of the California Streets and Highways Code.

Please return one adopted copy of this letter and one original and one copy of the resolution to the Department of Public Works, Survey/Mapping & Property Management Division, together with a copy of the Board's minute order. Retain one original for your files.

The Honorable Board of Supervisors

3/24/2015

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Respectfully submitted,

A handwritten signature in black ink that reads "Gail Farber". The script is cursive and fluid, with the first letters of each word being capitalized and prominent.

GAIL FARBER

Director

GF:SGS:mr

Enclosures

c: Auditor-Controller (Accounting Division - Asset
Management)
Chief Executive Office (Rochelle Goff)
County Counsel
Executive Office

**RESOLUTION TO VACATE
PORTIONS OF THE OLD ROAD AT MAGIC MOUNTAIN PARKWAY
WITH RESERVATIONS**

WHEREAS, the Board of Supervisors of the County of Los Angeles has conducted a noticed public hearing regarding the proposed vacation of portions of The Old Road at Magic Mountain Parkway in the unincorporated community of Stevenson Ranch, in the County of Los Angeles, State of California, as legally described in Exhibit A and depicted on Exhibit B, both attached hereto, in accordance with Chapter 3, Part 3, Division 9, of the California Streets and Highways Code, commencing with Section 8320, and has considered all evidence submitted at the hearing;

NOW, THEREFORE, THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES HEREBY FINDS, DETERMINES, AND RESOLVES AS FOLLOWS:

1. That the above-described portions of The Old Road are unnecessary for present or prospective public use, and are not useful as nonmotorized transportation facilities.
2. That the public convenience and necessity require the reservation and exception of easements and rights of way for maintenance, operation, replacement, removal, and renewal of utility facilities located within The Old Road at Magic Mountain Parkway, owned by Valencia Water Company, Pacific Pipeline System LLC, ExxonMobile Pipeline, Time Warner Cable, The Gas Company, Southern California Edison Company, Pacific Bell Telephone Company (dba AT&T California), Castaic Lake Water Agency, as well as an easement to the Los Angeles County Flood Control District for covered storm drain, appurtenant structures, and ingress and egress purposes; and easements to the Los Angeles County Sanitation Districts and the County of Los Angeles for sanitary sewer, appurtenant structures, and ingress and egress purposes in accordance with Sections 8340 and 8341 of California Streets and Highway Code.
3. That the above-described portions of The Old Road are hereby vacated pursuant to Chapter 3, Part 3, Division 9, of the California Streets and Highways Code, commencing with Section 8320; reserving and excepting therefrom easements and rights of way for the maintenance, operation, replacement, removal, and renewal of utility facilities located within portions of The Old Road at Magic Mountain Parkway in favor of Valencia Water Company, Pacific Pipeline System LLC, ExxonMobile Pipeline, Time Warner Cable, The Gas Company, Southern California Edison Company, Pacific Bell Telephone Company (dba AT&T California), Castaic Lake Water Agency, as well as an easement to the Los Angeles County Flood Control District for covered storm drain, appurtenant structures, and ingress and egress purposes; and easements to the Los Angeles County Sanitation Districts and the County of Los Angeles for sanitary sewer, appurtenant structures, and ingress and egress purposes.

4. That the Director of Public Works or her designee is authorized to record the certified original resolution with the office of the Registrar-Recorder/County Clerk of the County of Los Angeles.

The foregoing resolution was on the 24th day of March 2015 adopted by the Board of Supervisors of the County of Los Angeles, and ex officio the governing body of all other special assessment and taxing districts for which said Board so acts.

APPROVED AS TO FORM:

MARK J. SALADINO
County Counsel

PATRICK OGAWA
Acting Executive Officer of the
Board of Supervisors of the
County of Los Angeles



By

Deputy

By

Deputy

RA:mr

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EXHIBIT A

Project Name: **THE OLD ROAD 11-5VAC.1**
Includes: Parcel No. 11-5VAC.2
Portion of The Old Road Adjoining: A.I.N. 2826-037-002, 006, 011,
018, 022, 023, 024, 027, & 028
T.G 4550-C2
I.M 264-097
R.D 556
S.D 5
LE0300101

LEGAL DESCRIPTION

PARCEL No. 11-5VAC.1 (VACATION OF EASEMENT):

That portion of The Old Road, in the Unincorporated Territory of the County of Los Angeles, State of California, as per deed recorded in Book 29881, Page 252 of Official Records of said County, described as follows:

Beginning at a point on the southwesterly line of Parcel 1 of Parcel Map No. 11859, in the Unincorporated Territory of the County of Los Angeles, State of California, as per map filed in Book 172, Pages 47 through 49, inclusive of Parcel Maps, Records of said County, distant thereon North 29 degrees 52 minutes 28 seconds West 2.441 meters (8.01 feet) from the most southerly corner of said Parcel 1; thence leaving said southwesterly line, South 45 degrees 50 minutes 51 seconds West 18.419 meters (60.43 feet) to the beginning of a tangent curve, concave to the north and having a radius of 25.908 meters (85.00 feet); thence westerly 49.234 meters (161.53 feet) along said curve through a central angle of 108 degrees 52 minutes 56 seconds to the beginning of a compound curve, concave to the northeast and having a radius of 1,071.865 meters (3,516.61 feet); thence northwesterly 70.673 meters (231.87 feet) along said last mentioned curve through a central angle of 03 degrees 46 minutes 40 seconds to the beginning of a compound curve, concave to the east and having a radius of 1,102.462 meters (3,616.99 feet); thence northerly 64.133 meters (210.41 feet) along said last mentioned curve through a central angle of 03 degrees 19 minutes 59 seconds; thence on a non-tangent line, North 28 degrees 08 minutes 09 seconds East 9.858 meters (32.34 feet); thence North 18 degrees

36 minutes 07 seconds West 23.166 meters (76.00 feet); thence North 59 degrees 30 minutes 31 seconds West 9.731 meters (31.93 feet); thence North 13 degrees 40 minutes 36 seconds West 108.308 meters (355.34 feet); thence North 28 degrees 17 minutes 08 seconds East 4.478 meters (14.69 feet); thence North 68 degrees 13 minutes 18 seconds East 4.688 meters (15.38 feet) to a point in a curve concave to the northwest having a radius of 438.864 meters (1,439.84 feet) in the westerly line of Parcel 3 of said Parcel Map No. 11859, a radial line of said curve to said point bears South 74 degrees 00 minutes 02 seconds West; thence along said westerly line and the southwesterly lines of Parcel 1 and Parcel 2 of said Parcel Map No. 11859, the following four (4) courses:

1. Southeasterly 102.243 meters (335.44 feet) along said last mentioned curve through a central angle of 13 degrees 20 minutes 54 seconds; thence on a non-tangent line
2. North 59 degrees 37 minutes 36 seconds West 5.977 meters (19.61 feet) to the beginning of a non-tangent curve, concave to the northeast, having a radius of 441.909 meters (1,449.83 feet) and to which beginning a radial line bears South 61 degrees 19 minutes 39 seconds West; thence
3. Southeasterly 9.270 meters (30.41 feet) along said last mentioned curve through a central angle of 01 degrees 12 minutes 07 seconds; thence
4. South 29 degrees 52 minutes 28 seconds East 192.815 meters (632.60 feet) to the point of beginning.

Containing 9,095.1 square meters = 97,898 square feet

PARCEL NO. 11-5VAC.2 (VACATION OF EASEMENT):

That portion of The Old Road, in the Unincorporated Territory of the County of Los Angeles, State of California, as per deed recorded in Book 29881, Page 252 of Official Records of said County, described as follows:

1
2 Beginning at a point on the southwesterly line of Parcel 1 of Parcel Map No. 15717, in
3 the Unincorporated Territory of Los Angeles County, as per map filed in Book 168, pages
4 74 and 75 of Parcel Maps, Records of said County, distant thereon North 29 degrees 52
5 minutes 28 seconds West 9.852 meters (32.32 feet) from the most southerly corner of said
6 Parcel 1; thence leaving said southwesterly line, South 57 degrees 02 minutes 18 seconds
7 West 6.592 meters (21.63 feet); thence South 60 degrees 07 minutes 16 seconds West
8 2.438 meters (8.00 feet); thence North 81 degrees 32 minutes 13 seconds West 6.154
9 meters (20.19 feet); thence South 44 degrees 39 minutes 22 seconds West 15.651 meters
10 (51.35 feet) to the beginning of a tangent curve, concave to the northwest and having a
11 radius of 10.668 meters (35.00 feet); thence southwesterly 5.017 meters (16.46 feet) along
12 said curve through a central angle of 26 degrees 56 minutes 37 seconds; thence South 71
13 degrees 35 minutes 59 seconds West 8.157 meters (26.76 feet) to the beginning of a
14 tangent curve, concave to the southeast and having a radius of 10.668 meters (35.00 feet);
15 thence southwesterly 10.419 meters (34.18 feet) along said last mentioned curve through
16 a central angle of 55 degrees 57 minutes 35 seconds; thence on a non-tangent line, South
17 02 degrees 13 minutes 06 seconds West 9.683 meters (31.77 feet) to the beginning of a
18 non-tangent curve, concave to the northeast, having a radius of 1,075.217 meters
19 (3,527.61 feet) and to which beginning a radial line bears South 59 degrees 02 minutes 40
20 seconds West; thence southeasterly 73.792 meters (242.10 feet) along said last mentioned
21 curve through a central angle of 03 degrees 55 minutes 56 seconds to the beginning of a
22 reverse curve, concave to the southwest and having a radius of 91.440 meters (300.00
23 feet); thence southeasterly 16.019 meters (52.56 feet) along said last mentioned curve
24 through a central angle of 10 degrees 02 minutes 14 seconds to the beginning of a reverse
25 curve, concave to the northeast and having a radius of 93.269 meters (306.00 feet); thence
26 southeasterly 19.528 meters (64.07 feet) along said last mentioned curve through a central
27 angle of 11 degrees 59 minutes 47 seconds to the beginning of a non-tangent curve,
28 concave to the northeast, having a radius of 1,078.570 meters (3,538.61 feet) and to
29 which beginning a radial line bears South 53 degrees 13 minutes 57 seconds West; thence

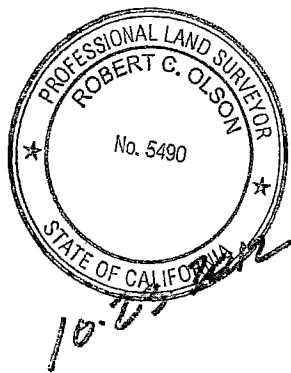
1 southeasterly 11.713 meters (38.43 feet) along said last mentioned curve through a central
2 angle of 00 degrees 37 minutes 20 seconds; thence on a non-tangent line, South 72
3 degrees 45 minutes 40 seconds East 6.562 meters (21.53 feet); thence South 38 degrees
4 48 minutes 37 seconds East 16.207 meters (53.17 feet); thence South 02 degrees 49
5 minutes 35 seconds East 6.801 meters (22.31 feet) to the beginning of a non-tangent
6 curve, concave to the northeast, having a radius of 1,078.570 meters (3,538.61 feet) and
7 to which beginning a radial line bears South 51 degrees 10 minutes 04 seconds West;
8 thence southeasterly 72.109 meters (236.58 feet) along said last mentioned curve through
9 a central angle of 03 degrees 49 minutes 50 seconds to the beginning of a reverse curve,
10 concave to the southwest and having a radius of 1,115.760 meters (3,660.63 feet); thence
11 southeasterly 47.900 meters (157.15 feet) along said last mentioned curve through a
12 central angle of 02 degrees 27 minutes 35 seconds; thence on a non-tangent line, South 78
13 degrees 18 minutes 06 seconds East 13.711 meters (44.98 feet); thence South 46 degrees
14 34 minutes 07 seconds East 14.200 meters (46.59 feet); thence South 06 degrees 37
15 minutes 59 seconds East 12.832 meters (42.10 feet) to the beginning of a non-tangent
16 curve, concave to the southwest, having a radius of 1,119.261 meters (3,672.11 feet) and
17 to which beginning a radial line bears North 51 degrees 37 minutes 09 seconds East;
18 thence southeasterly 55.094 meters (180.75 feet) along said last mentioned curve through
19 a central angle of 02 degrees 49 minutes 13 seconds to the beginning of a compound
20 curve, concave to the southwest and having a radius of 11.887 meters (39.00 feet); thence
21 southeasterly 3.803 meters (12.48 feet) along said last mentioned curve through a central
22 angle of 18 degrees 19 minutes 46 seconds; thence South 17 degrees 13 minutes 41
23 seconds East 8.916 meters (29.25 feet) to the beginning of a tangent curve, concave to the
24 northeast and having a radius of 13.107 meters (43.00 feet); thence southeasterly 4.215
25 meters (13.83 feet) along said last mentioned curve through a central angle of 18 degrees
26 25 minutes 33 seconds to the beginning of a reverse curve, concave to the southwest and
27 having a radius of 1,115.462 meters (3,659.64 feet); thence southeasterly 25.839 meters
28 (84.77 feet) along said last mentioned curve through a central angle of 01 degrees 19
29 minutes 38 seconds; thence South 53 degrees 51 minutes 05 seconds East 7.971 meters

(26.15 feet); thence South 32 degrees 42 minutes 19 seconds East 5.970 meters (19.59 feet); thence North 60 degrees 07 minutes 15 seconds East 4.344 meters (14.25 feet) to the southwesterly line of Parcel 6 of said Parcel Map No. 15717; thence along said southwesterly line and the southwesterly lines of Parcels 1 through 5, inclusive, North 29 degrees 52 minutes 28 seconds West 420.500 meters (1,379.59 feet) to the point of beginning.

Containing 14,068.5 square meters = 151,431 square feet

The bearings and distances used in the above descriptions are based on the California Coordinate System of 1983, Zone 5 (1991.35 epoch). Multiply all distances used in the above description by 1.0001140 to obtain ground distances.

These legal descriptions are delineated on accompanying "EXIBIT B" and are made a part hereof for reference purposes.

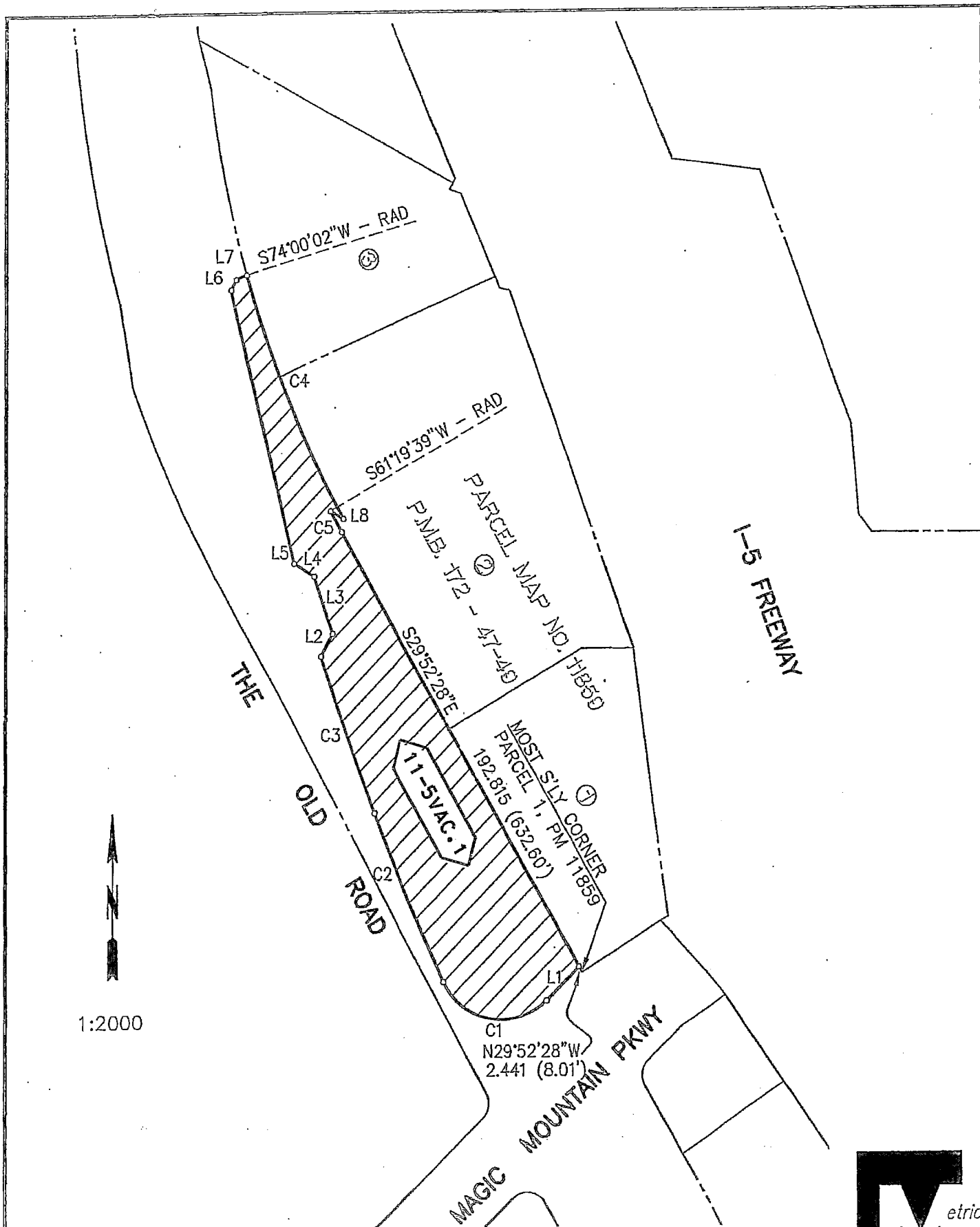


Prepared under the direction of

Robert C. Olson

Robert C. Olson, PLS 5490

PSOMAS



1:2000

ROADWAY VACATION AREA = 9,095.1 SQUARE METERS (97,898 S.F.)



I-5 / MAGIC MOUNTAIN INTERCHANGE

LOCATION 11-5VAC.1

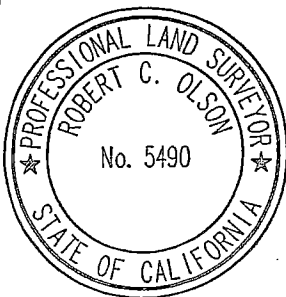
RIGHT-OF-WAY EXHIBIT "B" - SHEET 1 OF 4

SCALE: AS NOTED

DATE: 10/23/12

LINE TABLE			
LINE	LENGTH		BEARING
L1	18.419	(60.43')	S45°50'51"W
L2	9.858	(32.34')	N28°08'09"E
L3	23.166	(76.00')	N18°36'07"W
L4	9.731	(31.93')	N59°30'31"W
L5	108.308	(355.34')	N13°40'36"W
L6	4.478	(14.69')	N28°17'08"E
L7	4.688	(15.38')	N68°13'18"E
L8	5.977	(19.61')	N59°37'36"W

CURVE TABLE				
CURVE	LENGTH		RADIUS	DELTA
C1	49.234	(161.53')	25.908 (85.00')	108°52'56"
C2	70.673	(231.87')	1071.865 (3,516.61')	3°46'40"
C3	64.133	(210.41')	1102.462 (3,616.99')	3°19'59"
C4	102.243	(335.44')	438.864 (1,439.84')	13°20'54"
C5	9.270	(30.41')	441.909 (1,449.83')	1°12'07"



MAGIC MOUNTAIN PARKWAY

1:2000

THE

OLD

ROAD

11-5VAC.2

15717

No.

MAP

PARCEL

74-75

P.M.B. 168 -

N29°52'28"W
9.852 (32.32')

MOST S'LY CORNER
PARCEL 1 PM 15717.

I-5
FREEWAY



ROADWAY VACATION AREA = 14,068.5 SQUARE METERS (151,431 S.F.)



I-5 / MAGIC MOUNTAIN INTERCHANGE | LOCATION 11-5VAC.2

RIGHT-OF-WAY EXHIBIT "B" - SHEET 3 OF 4 | SCALE: AS NOTED | DATE: 10/23/12

LINE TABLE		
LINE	LENGTH	BEARING
L1	6.592 (21.63')	S57°02'18"W
L2	2.438 (8.00')	S60°07'16"W
L3	6.154 (20.19')	N81°32'13"W
L4	15.651 (51.35')	S44°39'22"W
L5	8.157 (26.76')	S71°35'59"W
L6	9.683 (31.77')	S02°13'06"W
L7	6.562 (21.53')	S72°45'40"E
L8	16.207 (53.17')	S38°48'37"E
L9	6.801 (22.31')	S02°49'35"E
L10	13.711 (44.98')	S78°18'06"E
L11	14.200 (46.59')	S46°34'07"E
L12	12.832 (42.10')	S06°37'59"E
L13	8.916 (29.25')	S17°13'41"E
L14	7.971 (26.15')	S53°51'05"E
L15	5.970 (19.59')	S32°42'19"E
L16	4.344 (14.25')	N60°07'15"E

RADIAL LINE TABLE	
LINE	BEARING
R1	S59°02'40"W
R2	S53°13'57"W
R3	S51°10'04"W
R4	N51°37'09"E

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	5.017 (16.46')	10.668 (35.00')	26°56'37"
C2	10.419 (34.18')	10.668 (35.00')	55°57'35"
C3	16.019 (52.56')	91.440 (300.00')	10°02'14"
C4	19.528 (64.07')	93.269 (306.00')	11°59'47"
C5	11.713 (38.43')	1078.570 (3,538.61')	0°37'20"
C6	3.803 (12.48')	11.887 (39.00')	18°19'46"
C7	4.215 (13.83')	13.107 (43.00')	18°25'33"
C8	25.839 (84.77')	1115.462 (3,659.64')	1°19'38"

